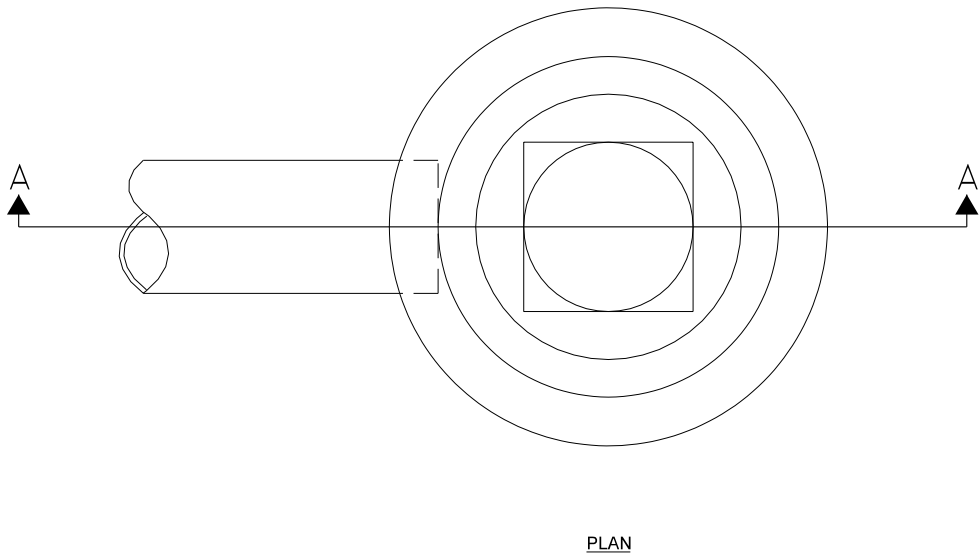


REVISION	DATE
7-13-01	

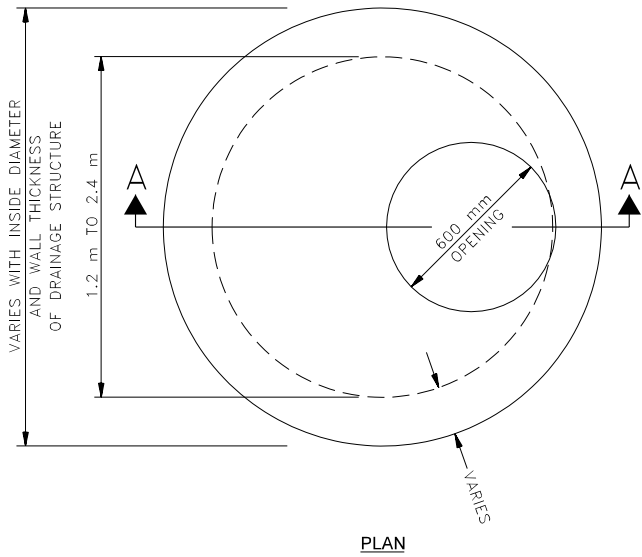
*.DGN FILE NAME
DR-5

METRIC
STANDARD PLANS

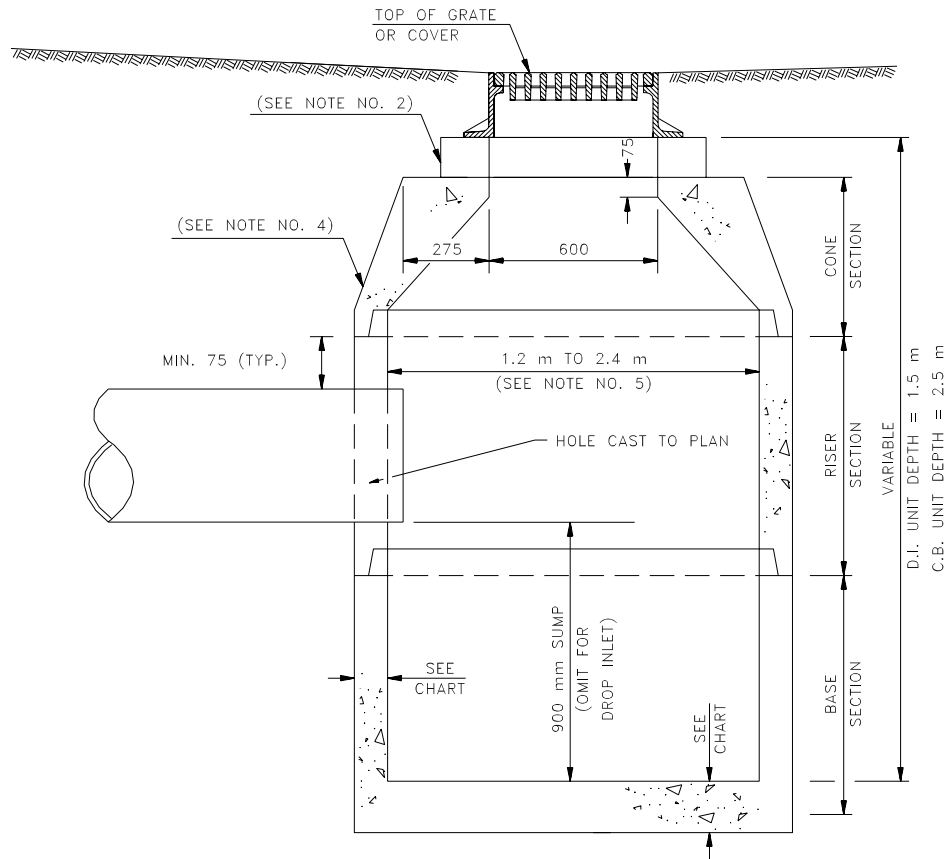
STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION, CONCORD, N.H.



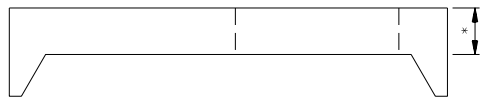
PLAN



PLAN



SECTION A-A



* 165 mm FOR 1.2 m Ø STRUCTURE
200 mm FOR >1.2 m Ø STRUCTURES

SECTION A-A

FLAT SLAB TOP

DIAMETER	WALL THICKNESS (MIN.)	FLOOR THICKNESS (MIN.)
1.2 m	125 mm	150 mm
1.5 m	150 mm	200 mm
1.8 m	175 mm	200 mm
2.1 m	200 mm	250 mm
2.4 m	225 mm	250 mm

GENERAL NOTES

- ITEM NUMBERS: CB=604.1XXX, DI=604.2XXX, MH=604.32XX
- FITTING FRAME TO GRADE MAY BE DONE WITH PREFABRICATED ADJUSTMENT RINGS OR CLAY BRICKS (2 COURSES MAX.).
- CB & DI GRATES IN PAVED AREAS SHALL BE SET ACCORDING TO THE PAVEMENT DEPRESSION DETAIL SHOWN ON PLATE 4 OF STANDARD NO. DR-2.
- CONE SECTIONS MAY BE EITHER CONCENTRIC OR ECCENTRIC, OR FLAT SLAB TOPS MAY BE USED WHERE PIPE WOULD OTHERWISE ENTER INTO THE CONE SECTION OF THE STRUCTURE AND WHERE PERMITTED.
- FOR STRUCTURES WITH DIAMETERS GREATER THAN 1.2 m, THE DIAMETER MAY BE CONSTANT FROM TOP TO BOTTOM WITH A FLAT SLAB TOP, OR A RISER SECTION THAT TRANSITIONS FROM A STANDARD 1.2 m CONE SECTION TO THE LARGER DIAMETER RISER OR BASE SECTION MAY BE USED.
- PIPE ELEVATIONS SHOWN ON PLANS SHALL BE FIELD VERIFIED PRIOR TO PRECASTING.
- OUTSIDE EDGES OF PIPES SHALL PROJECT NO MORE THAN 75 mm BEYOND INSIDE WALL OF STRUCTURE.
- PRECAST SECTIONS SHALL HAVE A TONGUE AND GROOVE JOINT 100 mm HIGH AT AN 11° ANGLE CENTERED IN THE WIDTH OF THE WALL AND SHALL BE ASSEMBLED USING AN APPROVED FLEXIBLE SEALANT IN JOINTS.
- ALL STRUCTURES WITH MULTIPLE PIPES SHALL HAVE A MINIMUM OF 300 mm OF OUTSIDE SURFACE BETWEEN HOLES, NO MORE THAN 75% OF A HORIZONTAL CROSS-SECTION SHALL BE HOLES, AND THERE SHALL BE NO HOLES CLOSER THAN 75 mm TO JOINTS.

ALL DIMENSIONS SHOWN ARE IN MILLIMETERS OR METERS.
WHOLE NUMBERS INDICATE MILLIMETERS; DECIMAL
NUMBERS INDICATE METERS UNLESS OTHERWISE NOTED.

DRAINAGE STANDARD

*PRECAST REINFORCED CONCRETE
C.B., D.I. AND M.H.*

REVISION	DATE
7-13-01	

*.DGN FILE NAME
DR-5

METRIC
STANDARD PLANS

STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION, CONCORD, N.H.

